

Curriculum Vitae

Dr. Jasmine Siu Lee LAM

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Career highlights

Dr. Jasmine Siu Lee LAM is currently an Assistant Professor and Director of MSc Maritime Studies Programme at Nanyang Technological University in Singapore. Dr Lam's major research and teaching areas are maritime studies, logistics, supply chain management, and transport economics. Dr Lam has extensive experience in executive training and has been invited by various organisations such as Organisation for Economic Cooperation and Development, NOL, port authorities and banks as a speaker at international conferences and seminars. Leading a R&D team and working closely with the industry and government agencies, Dr Lam has completed over 38 projects. She is also a passionate mentor currently supervising 8 research students including 4 PhD candidates. She has widely published in international journals including *Industrial Marketing Management*, *International Journal of Logistics Management*, *Journal of Transport Geography*, *Transportation*, *Transportation Research Part A and Part E*, *Transport Reviews*, and *Transportation Science*. She is the Associate Editor of *Maritime Policy & Management* (a flagship journal of maritime research) and a member of the editorial board of *Journal of Supply Chain Management* (among the top international journal out of 172 SSCI indexed journals in management). She is an Elected Council Member of the International Association of Maritime Economists, and also a member of BNP Paribas Chair international scientific committee. Dr Lam is the recipient of several awards, including the Best Paper Award and Eagle Prize awarded by the International Association of Maritime Economists and Erasmus Mundus Scholars Award awarded by the European Commission.

1. Academic qualification and professional membership

2008	PhD in Applied Economics Sciences, University of Antwerp, Belgium (paper from thesis received Best Paper Award)
2006	Master of Science degree in Transport and Maritime Management at the Institute of Transport and Maritime Management Antwerp (ITMMA), University of Antwerp (awarded Great Distinction, Magna cum laude)
2002	Master of Science degree in Transport and Maritime Economics at ITMMA, University of Antwerp (awarded Great Distinction, Magna cum laude)
1999	Bachelor of Science (Hons) degree in Shipping Technology and Management at the Hong Kong Polytechnic University
2000	Professional Qualifying Examinations (the highest level), the Chartered Institute of Logistics and Transport
Since 2005	Member of International Association of Maritime Economists

2. Editorship & invitation as peer reviewer/advisor for scientific work

1. Associate Editor, *Maritime Policy & Management* (Tier 1 journal) (July 2013 to present)
2. Member of the editorial board for *Journal of Supply Chain Management* (among the top international journal out of 172 SSCI indexed journals in management) (Aug 2009 to present)
3. Section Editor, *The Maritime Economists Magazine* (a professional magazine) (Sep 2014 to present)
4. Member of BNP Paribas Chair international scientific committee (Dec 2010 to present)
5. Guest Editor, *Maritime Policy & Management* Special Issue ‘Dealing with uncertainty and volatility in shipping and ports: the quest for resilience, flexibility and agility’ (2014)
6. Guest Editor, *Accident Analysis and Prevention* Special Issue ‘Risk Management in Port and Maritime Logistics’ (Tier 1 journal) (call for paper in 2014, to publish in 2015/6)
7. Guest Editor, *International Journal of Transport Economics*, IAME Conference 2015 Special Issue (SSCI journal)
8. Special Session chair at 2015 Global Port Research Alliance (GPRA) Conference, Hong Kong (May 2015)
9. Session chair at 6th Asia Logistics Round Table and Conference, Thailand (April 2014)
10. Session chair and discussant at The International Association of Maritime Economists Conferences (Sep 2012 and Jul 2013)
11. Session chair and discussant at The International Workshop on Port Economics, Singapore (Dec 2011 and Dec 2012)
12. Member of international scientific committee for World Conference on Transport Research 2015 (Special Interest Group) (May 2014 to present)
13. Member of international steering committee for the International Association of Maritime Economists Annual Conference 2013, 2014, and 2015 (Aug 2012 to present)
14. Member of international scientific committee for the International Association of Maritime Economists Annual Conference 2012 (Nov 2011 to Sep 2012)
15. Member of international steering committee for the International Conference on Global Integration of Economies and Connectivity Development 2015 (Oct 2014 to present)
16. Member of international scientific committee for International Conference on Computational Logistics. (Jun to Sep 2010 and present)
17. Member of International Scientific Board for International Conference on Marine Technology (Jan 2014 to present)
18. Reviewer for major international journals and conference proceedings (Jan 2006 to present)
 - 1) Computers & Operations Research
 - 2) European Journal of Operational Research
 - 3) International Journal of Production Economics
 - 4) International Journal of Production Research
 - 5) Journal of Business Logistics
 - 6) Supply Chain Management: An International Journal
 - 7) Transportmetrica
 - 8) Transportation Research Part A: Policy and Practice
 - 9) Transportation Research Part D: Transport and Environment
 - 10) Transportation Research Part E: Logistics and Transportation Review
 - 11) International Journal of Sustainable Transportation
 - 12) Journal of Advanced Transportation
 - 13) Transport Policy
 - 14) Transportation Journal
 - 15) Environment and Planning A

- 16) Mathematical and Computer Modelling
 - 17) Maritime Policy & Management
 - 18) Maritime Economics & Logistics
 - 19) International Journal of Shipping and Transport Logistics
 - 20) Ocean and Coastal Management
 - 21) Business & Information Systems Engineering
 - 22) Growth and Change
 - 23) International Journal of Logistics
 - 24) Strojniški vestnik - Journal of Mechanical Engineering
 - 25) Research in Transportation Economics
 - 26) Asia Journal of Shipping and Logistics
 - 27) Journal of the Institution of Engineers
 - 28) Scientific Research and Essays
 - 29) The International Association of Maritime Economists Annual Conference
 - 30) International Forum on Shipping, Ports and Airports
 - 31) International Conference on Logistics, Shipping and Port Management
 - 32) Eastern Asia Society of Transportation Studies Conference
 - 33) Conference of Transportation Research Group of India 2011
19. Reviewer of project proposal (funding amount US\$537,100) invited by University of Rhode Island Transportation Centre, USA (2005)
 20. Supervisor/Advisor/Examiner for 13 PhD candidates: Li Qing (graduated 2013), Gu Yimiao (graduated 2014), Zhang Wei (2010-present), Tan Lay Hui Ivy (2010-present), Cao Xinhui (2014-present), Zhang Xiunian (2014-present), Elena Sadovaya (2010-present), Gou Xueni (2011-present), Wang Xiaoyu (graduated 2014), Zheng Sha (graduated 2013), Qian Qiyu (graduated 2011), Abu Naser Chowdhury (graduated 2012), Yuen Kum Fai (2012-present)
 21. External Ph.D. guidance committee member for Siyuan Wang (2014), University of Antwerp, Belgium

3. Awards and Achievements

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| 2014 | Best Paper Award: Zhang, Y. and Lam, J.S.L. 2014. A Novel Copula Based Point Estimate Method, 2014 International Conference on Quality, Reliability, Risk, Maintenance, and Safety Engineering, Dalian, China, 22-25 Jul 2014 |
| 2014-2016 | Erasmus Mundus Scholars Award, Awarded by European Commission |
| 2013 | Next Generation Container Port Challenge Commendation Prize, Awarded by Maritime and Port Authority of Singapore and Singapore Maritime Institute |
| 2012 | Eagle Prize (Outstanding Scholar and Promising Leader), Awarded by International Association of Maritime Economists 2012 |
| 2012 | Eminent Scholar Award, Awarded by Chinese government |
| 2012 | Best Reviewer Award, Awarded by International Association of Maritime Economists |
| 2009 | Under my dedicated service and leadership, NTU received Singapore International Maritime Award, Excellence in Training Development category, awarded by Maritime and Port Authority of Singapore |
| 2006 | Best Paper Award: Lam, J.S.L. 2006. Managing container shipping supply chains, International Association of Maritime Economists Annual Conference, Melbourne, 12-14 July 2006 |
| 2002 & 2006 | Great distinction (<i>Magna cum laude</i>) for the two master degrees, Institute of Transport and Maritime Management Antwerp, University of Antwerp |

2004 Appreciation of service awarded by Hong Kong Polytechnic University
2001-2002 Scholarship awarded by the Administration of Foreign Affairs of Flanders,
 Belgium

4. Selected Publications

Journal articles (Refereed):

1. **Lam, J.S.L.** (forthcoming) Designing a Sustainable Maritime Supply Chain: A Hybrid QFD-ANP Approach, *Transportation Research Part E*, DOI: 10.1016/j.tre.2014.10.003, Indexing: SCI and SSCI
2. Qiu, X., **Lam, J.S.L.** and Huang, G.Q. 2015. A bilevel storage pricing model for outbound containers in a dry port system, *Transportation Research Part E*, Vol. 73, 65-83, DOI: 10.1016/j.tre.2014.10.009 , Indexing: SCI and SSCI
3. Panayides, P.M., Parola, F. and **Lam, J.S.L.** 2015. The Effect of Institutional Factors on Public-Private Partnership Success in Ports, *Transportation Research Part A*, Vol. 71, pp. 110-127. DOI: 10.1016/j.tra.2014.11.006, Indexing: SCI and SSCI
4. **Lam, J.S.L.** and Lai, K.H. (forthcoming) Developing Environmental Sustainability by ANP-QFD Approach: the Case of Shipping Operations, *Journal of Cleaner Production*, DOI: 10.1016/j.jclepro.2014.09.070, Indexing: SCI
5. Du, Y., Chen, Q., **Lam, J.S.L.**, Xu, Y., Cao, J.X. (forthcoming) Modelling the impacts of tide and the virtual arrival policy in berth allocation, *Transportation Science*, Indexing: SCI and SSCI
6. Lee, P.T.W., Chung, Y.S. and **Lam, J.S.L.** (forthcoming) Transportation Research Trends in Environmental Issues: A literature review of methodology and key subjects, *International Journal of Shipping and Transport Logistics*, Indexing: SSCI
7. Vijayaraghavan V., Garg A., **Lam, J.S.L.**, Panda B., Mahapatra S .S. (forthcoming) Process Characterization of 3D-Printed FDM Components using Improved Evolutionary Computational Approach, *International Journal of Advanced Manufacturing Technology*, DOI: 10.1007/s00170-014-6679-5 Indexing: SCI
8. Lai, K.H., Wong, C.W.Y. and Lam, J.S.L. (forthcoming) Sharing environmental management information with supply chain partners and the performance contingencies on environmental munificence, *International Journal of Production Economics*, Indexing: SCI
9. Du, Y., Chen, Q., **Lam, J.S.L.**, Xu, Y., Cao, J.X. (forthcoming) Modelling the impacts of tide and the virtual arrival policy in berth allocation, *Transportation Science*, Indexing: SCI and SSCI
10. Notteboom, T. and Lam, J.S.L. 2014. Dealing with uncertainty and volatility in shipping and ports (Guest Editorial), *Maritime Policy & Management* DOI:10.1080/03088839.2014.965297, Indexing: SSCI
11. **Lam, J.S.L.** and Su, S. (forthcoming) Disruption risks and mitigation strategies: an analysis of Asian ports, *Maritime Policy & Management*, Indexing: SSCI
12. **Lam, J.S.L.** and Zhang, L. 2014. Enhanced Logistics Service Provider Framework for Higher Integration and Efficiency in Maritime Logistics, *International Journal of Logistics Research and Applications*, Vol. 17(2), pp. 89-113. DOI:10.1080/13675567.2013.836161. Indexing: SSCI
13. Qiu, X., Huang, G.Q. and Lam, J.S.L. 2014. A Bilevel Analytical Model for Dynamic Storage Pricing in a Supply Hub in Industrial Park (SHIP). *IEEE Transactions on Automation Science and Engineering*. DOI: 10.1109/TASE.2014.2301838. Indexing: SCI

14. **Lam, J.S.L.** and Dai, J. 2014. Environmental sustainability of logistics service provider: an ANP-QFD approach, *International Journal of Logistics Management* (forthcoming) Indexing: SSCI
15. **Lam, J.S.L.** and Notteboom, T. 2014. The greening of ports: a comparison of port management tools used by leading ports in Asia and Europe, *Transport Reviews*, Vol. 34(2), pp. 169-189. DOI:10.1080/01441647.2014.891162. Indexing: SSCI
16. Zhang, A. and **Lam, J.S.L.** 2014. Impacts of schedule reliability and sailing frequency on the liner shipping and port industry: a study of Daily Maersk, *Transportation Journal*, Vol. 53(2), pp. 235-253. DOI: 10.5325/transportationj.53.2.0235. Indexing: SSCI
17. Zhang, A., Lam, J.S.L. and Huang, G.Q. 2014. Port strategy in the era of supply chain management: the case of Hong Kong, *Maritime Policy & Management*, 41(4), pp. 367-383. DOI:10.1080/03088839.2013.863434. Indexing: SSCI
18. Zhang, A. and Lam, J.S.L. (forthcoming) Daily Maersk's impacts on shipper's supply chain inventories and implications for the liner shipping industry, *Maritime Policy & Management*, DOI:10.1080/03088839.2013.869364. Indexing: SSCI
19. Bai, X. and **Lam, J.S.L.** (forthcoming) Dynamic Regional Port Cluster Development: Case of the Ports across Taiwan Strait, *GeoJournal*, DOI: 10.1007/s10708-014-9567-5, Indexing: Scopus
20. Acciaro, M., Vanellander, T., Sys, C., Ferrari, C., Roumboutsos, A., Giuliano, G., Lam, J.S.L. and Kapros, S., 2014. Environmental sustainability in seaports: a framework for successful innovation, *Maritime Policy & Management*, Indexing: SSCI
21. Zhang, Y. and Lam, J.S.L. (2014) Non-conventional Modeling of Extreme Significant Wave Height through Random Sets, *Acta Oceanologica Sinica*, DOI: 10.1007/s13131-014-0508-4. Indexing: SCI
22. **Lam, J.S.L.**, Ng, A.K.Y. and Fu, X. 2013. Stakeholder Management for Establishing Sustainable Regional Port Governance, *Research in Transportation Business & Management*, Vol. 8, pp. 30-38. Indexing: Scopus
23. Zhang, W. and **Lam, J.S.L.** 2013. Maritime cluster evolution based on symbiosis theory and Lotka-Volterra model, *Maritime Policy & Management*, Vol. 40(2), pp. 161-176. DOI:10.1080/03088839.2012.757375. Indexing: SSCI
24. **Lam, J.S.L.** and Gu, Y. 2013. Port hinterland intermodal container flow optimisation with green concerns: a literature review and research agenda, *International Journal of Shipping Transport and Logistics*, Vol. 5(3), pp. 257-281. DOI: 10.1504/IJSTL.2013.054190. Indexing: SSCI
25. **Lam, J.S.L.** 2013. Benefits and barriers of supply chain integration: empirical analysis of liner shipping, *International Journal of Shipping and Transport Logistics*, Vol. 5(1), pp. 13–30. DOI: 10.1504/IJSTL.2013.050553. Indexing: SSCI
26. Yap, W.Y. and **Lam, J.S.L.** 2013. 80 Million-TEU Container Port? Sustainability Issues in Port and Coastal Development, *Ocean and Coastal Management*, Vol. 71, pp. 13-25. DOI: 10.1016/j.ocecoaman.2012.10.011. Indexing: SCI
27. **Lam, J.S.L.** and Song, D.W. 2013. Seaport network performance measurement in the context of global freight supply chains, *Polish Maritime Research*, Vol. 20, pp. 47-54, DOI: 10.2478/pomr-2013-0026, Indexing: SCI
28. **Lam, J.S.L.** 2013. Towards a normative model for managing container shipping supply chains, *International Journal of Logistics Systems and Management* Vol. 14(2), pp. 200–220. Indexing: Scopus

29. Lee, C.K.M. and Lam, J.S.L. 2012. Managing reverse logistics to enhance sustainability of industrial marketing, *Industrial Marketing Management*, Vol.41(4), pp. 589-598. DOI: 10.1016/j.indmarman.2012.04.006. Indexing: SSCI
30. **Lam, J.S.L.** and Dai, J. 2012. A decision support system for port selection, *Transportation Planning and Technology*, Vol.35(4), pp. 509-524. DOI:10.1080/03081060.2012.680822. Indexing: SCI
31. **Lam, J.S.L.**, Meersman, H. and Van de Voorde, E. 2012. Unveiling supply chain integration and its value in container shipping, *International Journal of Transport Economics*, Vol.39(2), pp. 275-298 Indexing: SSCI
32. Wang, K., Ng, A.K.Y., Lam, J.S.L. and Fu, X. 2012. Cooperation or competition? Factors and conditions affecting regional port governance in South China, *Maritime Economics and Logistics*. Vol. 14(3), pp. 386–408. DOI:10.1057/mel.2012.13. Indexing: SSCI
33. Doshi, D., Malhotra, B., Bressan, S. and Lam, J.S.L. 2012. Mining maritime schedules for analyzing global shipping networks, *International Journal of Business Intelligence and Data Mining*, Vol.7(3), pp. 186-202, Indexing: Scopus
34. **Lam, J.S.L.**, Chen, D., Cheng, F. and Wong, K. 2011. Assessment of the competitiveness of ports as bunkering hubs: empirical studies on Singapore and Shanghai, *Transportation Journal*. Vol. 50(2), pp. 176-203. Indexing: SSCI
35. **Lam, J.S.L.** 2011. Patterns of maritime supply chains: slot capacity analysis, *Journal of Transport Geography*, 19(2), pp. 366-374. Indexing: SSCI
36. **Lam, J.S.L.** and Van de Voorde, E. 2011. Scenario analysis for supply chain integration in container shipping, *Maritime Policy & Management*, Vol. 38(7), pp. 705–725. Indexing: SSCI
37. **Lam, J.S.L.** and Yap, W.Y. 2011. Dynamics of liner shipping network and port connectivity in supply chain systems: analysis on East Asia, *Journal of Transport Geography*, Vol. 19(6), pp. 1272–128. Indexing: SSCI
38. Yap, W.Y., Lam, J.S.L. and Cullinane, K. 2011. A theoretical framework for the evaluation of competition between container terminal operators, *Singapore Economic Review*. Vol. 56(4), pp. 535–559 Indexing: SSCI
39. **Lam, J.S.L.** and Yap, W.Y. 2011. Container port competition and complementarity in supply chain systems: evidence from the Pearl River Delta, *Maritime Economics and Logistics*. Vol. 13(2), pp. 102-120. Indexing: SSCI
40. **Lam, J.S.L.** 2010. The integrated approach for port selection, ship scheduling and financial analysis, *Netnomics: Economic Research and Electronic Networking*. Vol. 11(1), pp.33-46. Indexing: Scopus
41. **Lam, J.S.L.** and Yap, W.Y. 2008. Competition for transshipment containers by major ports in Southeast Asia: slot capacity analysis, *Maritime Policy & Management*, Vol. 35(1), pp. 89-101. Indexing: SSCI
42. Cullinane, K., Yap, W.Y. and Lam, J.S.L. 2007. The Port of Singapore and its governance structure, *Research in Transportation Economics*, Vol. 17, pp. 285-310. Indexing: Scopus
43. Lam, J.S.L., Yap, W.Y. and Cullinane, K. 2007. Structure, Conduct and Performance on the Major Liner Shipping Routes, *Maritime Policy & Management*, Vol. 34(4), pp. 359-381. Indexing: Scopus
44. Yap, W.Y. and **Lam, J.S.L.** 2006. Competition Dynamics between Container Ports in East Asia, *Transportation Research Part A*, Vol. 40(1), pp. 35-51. Indexing: SSCI and SCI

45. **Lam, J.S.L.** and Yap, W.Y. 2006. A Measurement and Comparison of Cost Competitiveness of Container Ports in Southeast Asia, *Transportation*, Vol. 33(6), pp. 641-654. Indexing: SSCI and SCI
46. Yap, W.Y., **Lam, J.S.L.** and Notteboom, T. 2006. Developments in Container Port Competition in East Asia, *Transport Reviews*, Vol. 26(2), pp. 167-188. Indexing: SSCI
47. Yap, W.Y. and Lam, J.S.L. 2004. An Interpretation of Inter-Container Port Relationships from the Demand Perspective, *Maritime Policy & Management*, Vol. 31 (4), pp. 337-355. Indexing: Scopus

Note: **Lam, J.S.L.** in bold refers to Dr. Lam being corresponding author

Books/ Book chapters (Refereed):

1. Lee, P.T.W. and Lam, J.S.L. 2015. Container Port Competition and Competitiveness Analysis: Asian Major Ports”, In: Lee, C.Y. and Meng, Q. (eds.), *Handbook of Ocean Container Transport Logistics – Making Global Supply Chain Effective*, International Series in Operations Research & Management Science, Vol. 220, New York: Springer, pp. 97-136. DOI: 10.1007/978-3-319-11891-8_4
2. Li, Q., Lam, J.S.L. and Fan, H.S.L. 2014. Multi-link-ahead conflicts prediction in dynamic seaport environments, in Y. Cai and S. L. Goei (eds.), *Simulation, Serious Game & Their Applications*, Springer, Singapore, pp. 69-84, DOI: 10.1007/978-981-4560-32-0_5
3. Lam, J.S.L. and Yip, T.L. 2012. Impact of port disruption on supply chains: a Petri Net approach, *Lecture Notes in Computer Science*, Springer
4. Lam, J.S.L. 2012. Risk management in maritime logistics and supply chains, in Song, D.W. and Panayides, P.M., *Maritime Logistics: Contemporary Issues*, Emerald, pp. 117-132, ISBN 978-1-78052-340-8
5. Lam, J.S.L. 2010. Synchronisation of seaborne cold chains, in: Cullinane, K.(eds.) *The International Handbook of Maritime Economics and Business* , Edward Elgar, pp. 68-79, ISBN 978 1 84720 934 4
6. Lam, J.S.L. 2008. *Managing Container Shipping Supply Chains: Modelling, Empirical Analysis and Applications*. PhD dissertation, University of Antwerp, ISBN 978-90-8994-003-2

Conference papers (Refereed):

Upon request